

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. **Date of Submission:** 2010-03-10 08:27:39
2. **Agency:** 007
3. **Bureau:** 17
4. **Name of this Investment:** Consolidated Afloat Networks Enterprise Service
5. **Unique Project (Investment) Identifier:** 007-17-05-12-01-3146-00
6. **What kind of investment will this be in FY 2011?:** Planning
 - Planning
 - Full Acquisition
 - Operations and Maintenance
 - Mixed Life Cycle
 - Multi-Agency Collaboration
7. **What was the first budget year this investment was submitted to OMB? ***
8. **Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.**

The Consolidated Afloat Networks and Enterprise Services (CANES) will provide the functionality and capabilities required to deploy a Net-Centric enterprise information environment necessary to conduct the full range of military operations defined by the Joint Capability Areas (JCAs). The approved Global Information Grid (GIG) Mission Area (MA) Initial Capabilities Document (ICD) and GIG Enterprise Services (ES) ICD accurately define the mission needs and capability gaps to be addressed by CANES. The CANES program recapitalizes the Navy's afloat network infrastructure by consolidation of diverse physical networks and implementation of Afloat Core Services (ACS) and Cross Domain Solutions (CDS). CANES will provide an Unclassified through Top Secret/Sensitive Compartmented Information (SCI) Common Computing Environment (CCE) for a wide variety of Navy surface combatants, submarines, Maritime Operations Centers (MOC), and provide some proportional capability for aircraft. In addition, CANES will provide functionality currently provided in the Video Information Exchange System (VIXS) and portions of Computer Network Defense (CND). CANES will enable more efficient data visibility and flow between operational nodes on the GIG using an open architecture. Additionally, virtualization on the CCE enhances the department's ability to reduce the multitude of standalone command and control systems and applications eliminating the need to field additional or unique hardware (servers and workstations). Through CCE, CDS and virtualization, CANES will improve the Navy's Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) security and agility while reducing total ownership costs. CANES is the physical single Program of Record (POR) replacement for the existing afloat networks PORs, Integrated Shipboard Network Systems (ISNS), Combined Enterprise Regional Information Exchange Systems Maritime (CENTRIXS-M), SCI Networks and Submarine LAN (SubLAN). CANES will field on a four year hardware baseline and a two year rolling software baseline providing application. CANES will enable application developers to begin decoupling applications and services software away from independent, unique hardware stacks and host them on a common interoperable environment.

 - a. **Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned) alternatives analysis for this investment, and whether this investment has a risk management plan and risk register.**

9. Did the Agency's Executive/Investment Committee approve this request? *

a. If "yes," what was the date of this approval? *

10. Contact information of Program/Project Manager?

- Name: *
- Phone Number: *
- Email: *

11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? *

- Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

a. If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one): *

- computer system security requirement;
- internal control system requirement;
- core financial system requirement according to FSIO standards;
- Federal accounting standard;
- U.S. Government Standard General Ledger at the Transaction Level;
- this is a core financial system, but does not address a FFMIA compliance area;
- Not a core financial system; does not need to comply with FFMIA

Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY1 and earlier	PY 2009	CY 2010	BY 2011	BY+1 2012	BY+2 2013	BY+3 2014	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President's Budget request, briefly explain those changes:

*

Section C: Acquisition/Contract Strategy (All Capital Assets)

1. **Table 1: Contracts/Task Orders Table**

Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
# N00178-0 5-D-4593 NS02 System Research, Applications Design/Analysis and Program Management	CPFF	Y	2007-09-28	2007-09-28	2012-09-27	\$79.6	*	*	*	*	*

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? *

a. If "yes," what is the date? *

Section D: Performance Information (All Capital Assets)

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2009	None	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	FY2009 not applicable. FY2010 first year budget investment submitted to FMB. Actual results not yet available.
2009	None	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	FY2009 not applicable. FY2010 first year budget investment submitted to FMB. Actual results not yet available.
2009	None	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	FY2009 not applicable. FY2010 first year budget investment submitted to FMB. Actual results not yet available.
2009	None	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	FY2009 not applicable. FY2010 first year budget investment submitted to FMB. Actual results not yet available.
2010	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.

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Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				part of the required acquisition documentation and will be provided on future submissions.			
2010	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2010	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2010	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2011	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2011	Reshaping the Defense	*	*	System is currently in	Baseline will be defined at MS	Target will be defined at MS	Actual results not yet

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	Enterprise			planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	B.	B.	available.
2011	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2011	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2012	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2012	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.

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				future submissions.			
2012	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2012	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2013	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2013	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
2013	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.
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Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				acquisition documentation and will be provided on future submissions.			
2013	Reshaping the Defense Enterprise	*	*	System is currently in planning. Performance data will be developed as part of the required acquisition documentation and will be provided on future submissions.	Baseline will be defined at MS B.	Target will be defined at MS B.	Actual results not yet available.

Part II: Planning, Acquisition And Performance Information

Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Milestone (MS) B - Includes Source Selection activities in order to award contract to two System Developers (SD) for design, develop and produce a Maritime Afloat Network. Preliminary Design Review (PDR) also to be achieved.	\$39.7	\$32.2	2009-10-01	2009-10-01	2010-07-01		100.00%	80.00%
MS C - Critical Design Review (CDR) to be achieved, followed by Test Readiness Review. Down select to one SD for Low Rate Initial Production contract award. Seek approval to procure 9 Low Rate Initial Production units to support operational test.	*	*	2010-07-01		2011-09-01		0.00%	0.00%
Initial Operational Capability (IOC) preparations for installation after MS C. Execution and achievement of Full Rate Production (FRP).	*	*	2012-09-15		2017-09-30		0.00%	0.00%
Life cycle sustainment,	*	*	2017-09-30		2029-10-01		0.00%	0.00%

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
post Full Operational Capability (FOC).								

* - Indicates data is redacted.